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ANSWER 74 OF 267 CA COPYRIGHT 2004 ACS on STN
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 AN
      129:84972 CA
      Entered STN: 08 Aug 1998
 ED
      Nonflammable fibrous products, and their use
 TT
      Wihsmann, Marc; Ebner, Lothar
 IN
      Protekum Umweltinstitut G.m.b.H. Oranienburg, Germany
 PΑ
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      Ger. Offen., 4 pp.
      CODEN: GWXXBX
\mathbf{DT}
      Patent
LA
      German
 IC
      ICM F16L059-04
      ICS E04B001-94; E04B001-74; C04B016-06; C04B022-10
      58-4 (Cement, Concrete, and Related Building Materials)
CC
FAN.CNT 2
                                                APPLICATION NO.
                                                                         DATE
      PATENT NO.
                            KIND
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                                   19980625
                                                DE 1996-19654836
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PI
      DE 19654836
                                                                         19971222
                                                EP 1997-954717
      EP 946809
                            A2
                                   19991006
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                                   20011017
      EP 946809
          R: AT, BE, CH, DE, DK, FR, GB, LI, LU, NL, SE
                                                                         19971222
                                   20011115
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      AT 207150
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                                   20000711
                                                US 1999-331388
      US 6086998
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      WO 1997-DE3031
CLASS
                   CLASS PATENT FAMILY CLASSIFICATION CODES
 PATENT NO.
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                  ICM
                          F16L059-04
 DE 19654836
                          E04B001-94; E04B001-74; C04B016-06; C04B022-10
                  ICS
                          C04B028/02; C04B030/02; E04B001/74
                  ECLA
 US 6086998
     The fibrous products contain cellulose fibers 20-70,
AΒ
      CaCO3 15-45, cationic surfactant 0.01-1, biol. active, in water
     not readily sol. surfactant 0.05-1, or CaO2 0.25-6.5 wt.%, and
    balance fillers, and, optionally, .gtoreq.1 biocides. The fillers selected from .gtoreq.1 of Al2O3, SiO2, MgO, Ca silicates, aluminosilicates, BaSO4, Na2CO3, KCl, K2CO3, CaF2, and Fe oxides.
                                                                 The fillers are
      fibrous products are used as blown thermal insulation, for manufg. molded
     products, and as fire-resistant and thermally insulating panels.
     nonflammable fibrous thermal insulator panel; cellulose
ST
     fiber waste thermal insulator; calcium carbonate thermal
     insulator; surfactant cationic nonionic thermal insulator;
    peroxide calcium silicate flworide thermal insulator; binder filler
     thermal insulator; biocide thermal insulator; alumina filler thermal
     insulator; silica filler thermal insulator; magnesia filler thermal
     insulator; aluminosilicate filler thermal insulator; barium sulfate filler
     thermal insulator; sodium carbonate filler thermal insulator; potassium
     chloride carbonate filler; iron oxide filler thermal insulator; thiuronium
     salt surfactant
IT
     Surfactants
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